		Revisions		216	389	н	
LAL	Rev.	Description	Chk	Date	Approve	ed	
	₽ A	ENGRG RELEASE IN	BU		87,000	<u>~{~</u>	-
_	В	REVISED	pol	6-KL 76	Rtierne		-
O -	c	REVISED RESET MODE REGISTER LOGIC	sw	7-19	RFicen	· ram	
	D	M/L ITEM 11 8T10 WAS 74173. SH 9 A14,15,16,17 8T10 WAS 74173. SH 11 A46, 47 8T10 WAS 74173.	BN	10.29	Phin	u	
	E	M/L ITEM 41 ADDED R20, QTY WAS 1.	BN	4-10	KI152	<u></u>	-
	F	M/L ITEM 31 P/N WAS K1100A.	pul	1-16 78	Kreen	<u> </u>	
X	G	REVISED SH 7 & 18, ADDED NOTE 1E-1H.	BN	327-78	Rfin	٠	_
V	п	DELETED NOTE 1	Su	5-16.78	Recen	á	:

THIS DOCUMENT CONTAINS 18 SHEETS

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First Use ALTO II Code Ident. Size Dwg. No. Finish Letter 216389 18338 EWO 7YF 92 Н Next Assy. First Use 216302 Do Not Scale Drawing Sheet Scale 564-1(3/73)

NOTES: UNLESS OTHERWISE SPECIFIED

- 1. QUT ETCH AND ADD JUMPER AS FOLLOWS:
 - A. SUT ETCH BETWEEN A11-13 AND FEED THRU (NEAR C22), (COMPONENT SIDE), (FEED THRU CONNECTS TO PIN 10).
 - B. CUT ETCH BETWEEN A11-10 AND A11-13, (CARCUITRY SIDE).
 - C. ADD JUMPER FROM All-10 TO FEED THRU (NEAR C22), (FEED THRU CONNECTS TO PIN 70).
 - D. ADD JUMPER FROM PIN 73 TO All-13.
 - E. CUT ETCH BETWEEN A67-1 AND A67-5 (ETCH SIDE).
 - F. CUT ETCH BETWEEN A67-1 AND A67-15 (COMP. SIDE UNDER I.C. SOCKET).
 - G. AND JUMPER FROM A67-5 TO A67-15 (ETCH SIDE).
 - ADD JUMPER FROM A67-1 TO A1-1 (ETCH SIDE).
 - 2. ASSEMBLE PER ALTO II MODULE ASSEMBLY SPEC, DWG NO. 216207.

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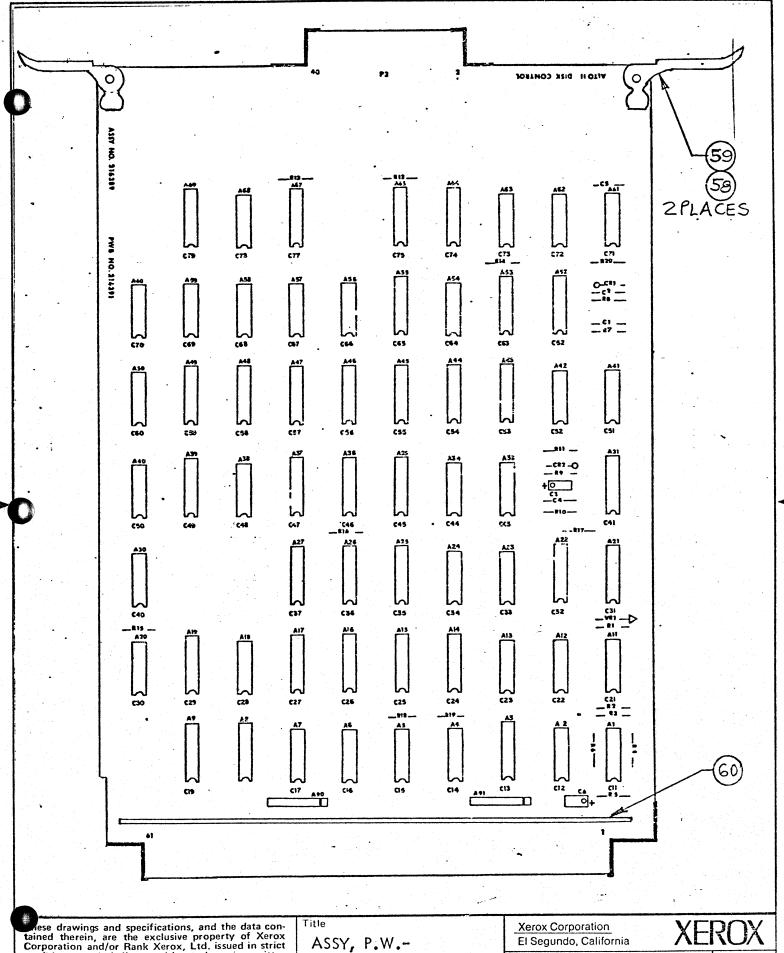
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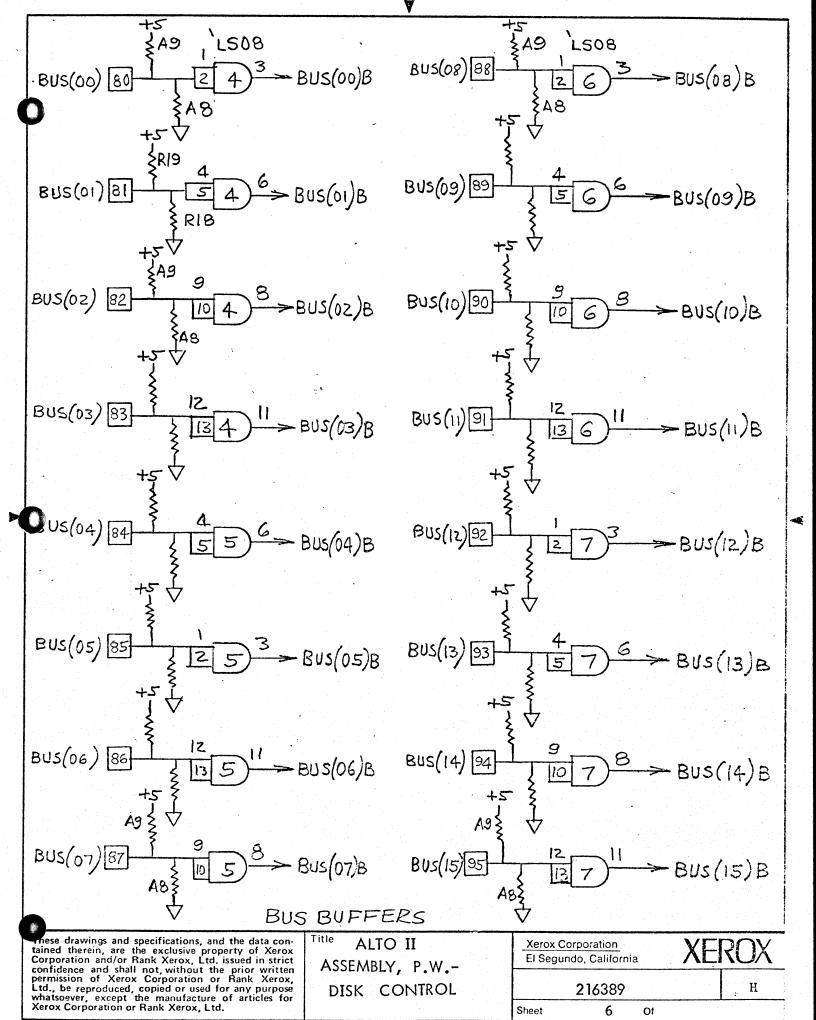
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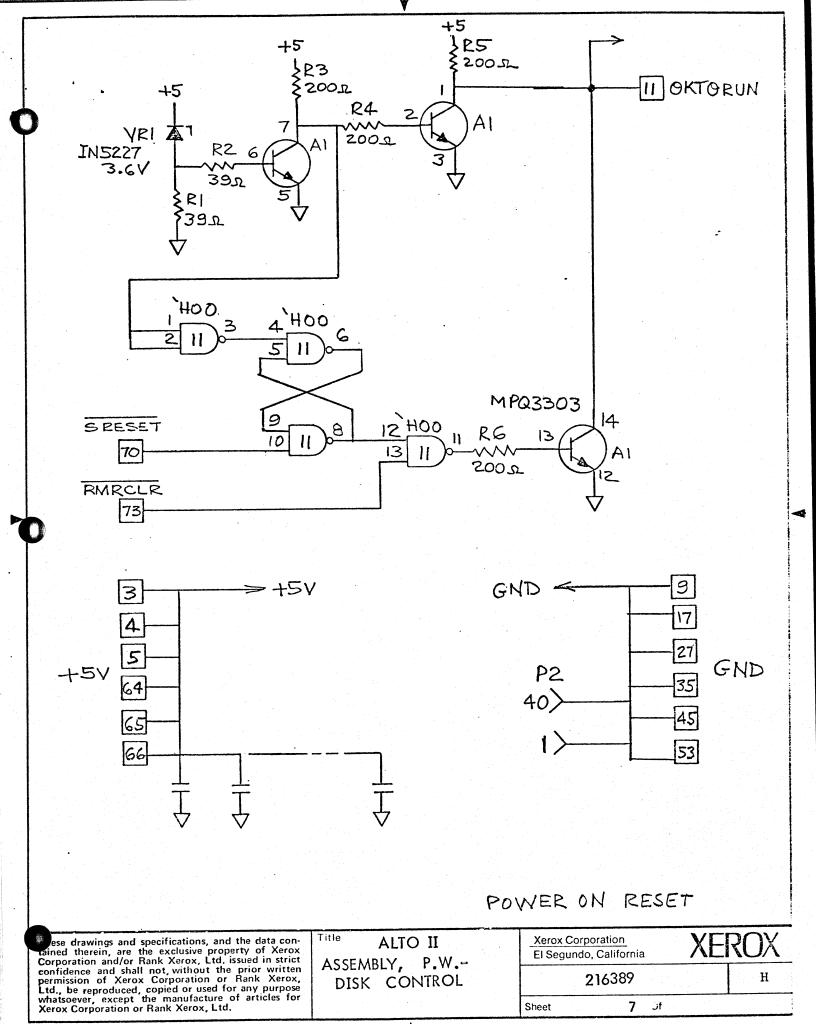
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	DISK CONTROL		Model No.		\$14/76 Sheet 4 Of		
tem No.	Drawi	ng Title	Drawing N		Remarks		
1	BOARD, PRINTED WI	RING	216391	1			
2	SPEC, TEST		216390	REF			
3	SPEC, MODULE AS	SEMBLY	216207	REF			
4	MICROCIRCUIT,	ИPQ3303		1	A1		
5	7	4H04		3	A2,56,59		
6	3	205		1	A3		
7	7	74LS08		4	A4, 5, 6, 7		
8		74H00		1	A11		
9		74504		1	A12		
10		74164		2	A13, 18		
11		8T10		6	A14, 15, 16, 17, 46, 47		
12		74166		2	A19,39		
13		7437		5	A20, 30, 40, 58, 68		
14		74109		8	A21, 22, 43, 44, 45, 53		
			•		55,67		
15		74532		2	A23,57		
16		7438		2	A24,34		
17		74174		3	A25, 26, 27		
18		74123		2	A31,52		
19		7400		2	A33,63		
20		I 3404		1	A35		
21		74195		2	A36, 37		
22		74H08		2	A38, 42		
23		74H11		1	A41		
24		8231		2	A48, 49		
25		74H01		2	A50,60		
26		74502		1	A54		
27		7414		1	A61		
28		74H 106		1	A64		
29	2	74153		1	A65		
30	MICROCIRCUIT,	74161		1.	A69		
31	OSCILLATOR,	K1100A 3.33 M		1	A62		

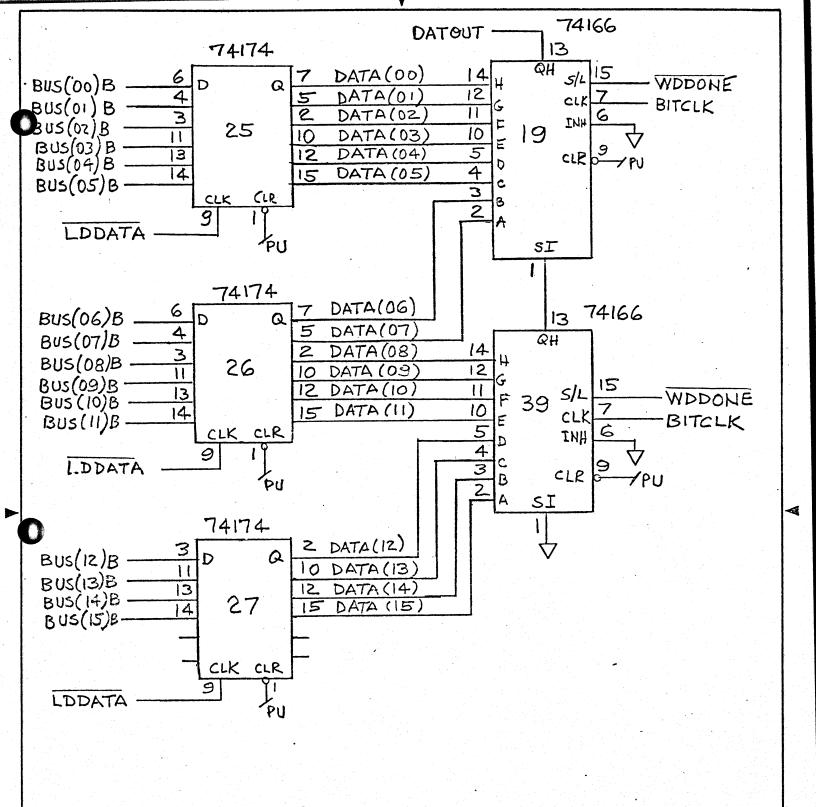
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		ALTO II		/14/76 5 of	
Item No.	Drawing Title	Drawing No.	No. Req.	Remarks A9	
33	RESISTOR, NETWORK, DIP, 270 Ω (AB#316A2 RESISTOR, NETWORK, DIP, 560 Ω (AB#316A	561)	1	A8	
34			2	A90, 91	
35	RESISTOR, NETWORK, 470Ω, (CTS #750-81	116447-390	2	R1,R2	
36	RESISTOR, FILM, $39\Omega \pm 5\%$, $1/4W$	116447-201	5	R3, 4, 5, 6, 12	
37	200 Ω ±5%, 1/4W	116447-243	2	R7, 8	
38	24K ±5%, 1/4W	116447-153	1	R9	
39	15K ±5%, 1/4W	116447-303	1	R10	
40	30K ±5%, 1/4W	116447-331	2	R11, R20	
41	330 Ω ±5%, 1/4W	116447-561	1	R18	
42	560 Ω ±5%, 1/4W	116447-271	1	R19	
43	270 Ω ±5%, 1:/4W	116447-102	5	R13, 14, 15, 16, 17	
44	RESISTOR, FILM, 1K ±5%, 1/4W	110447-102	+-		
45			2	CR1, CR2	
46	DIODE, IN4148		1	VR1	
47	DIODE, ZENER, IN5227		-	VICI	
48	The state of the s		1	Cl	
49	CAPACITOR, 150PF NYTRONICS DC151		2	C2, C4	
50	CAPACITOR, .01µF	11401 474		C3	
51	CAPACITOR, .47µF ±20%, 50V	114491-474	1	C5	
52	CAPACITOR, 270PF NYTRONICS DC 27		+	C6	
53	CAPACITOR, TANT., 22µF ±20%, 15V	114491-226	1/2	C11-17, 19, 21-37,4	
54	CAPACITOR, .05µF, 10V CENTRALAB#U	(10-503	62	41, 43-60, 62-75, 77-	
				41, 43-60, 62-75, 77-	
55			31	AUGAT#514-AG10	
56	SOCKET, MICROCIRCUIT		32	AUGAT#516-AG101	
57	SOCKET, MICROCIRCUIT			AUGAT-510-AC101	
58	RIVET	156111-005	2		
59	EXTRACTOR	216250	2		
60	STIFFENER	216242	1		
)				<u> </u>	
			•		







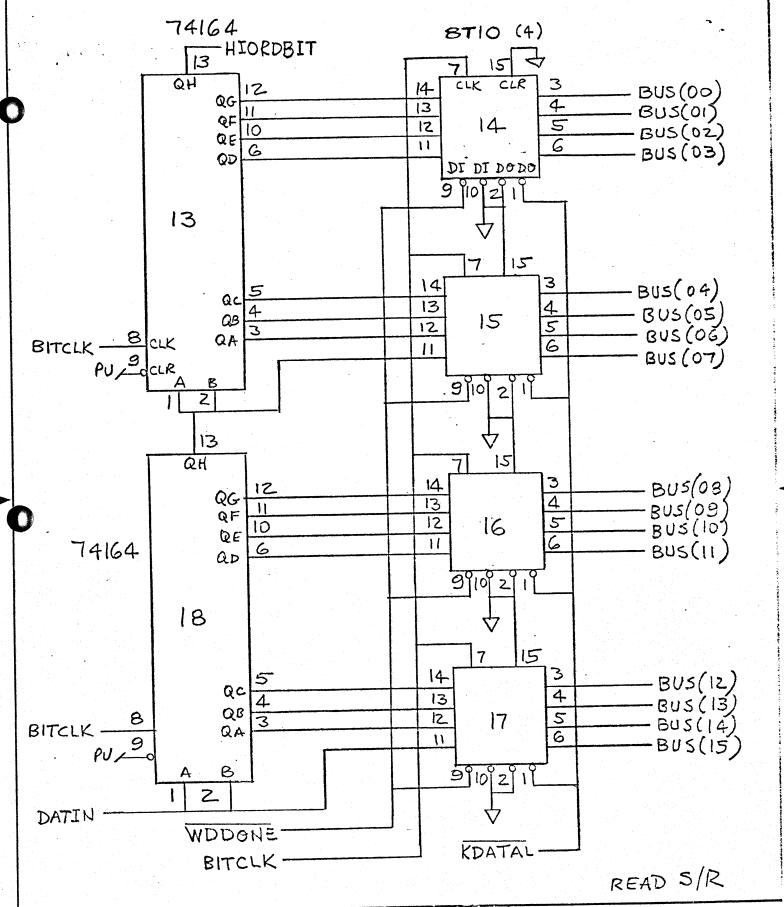
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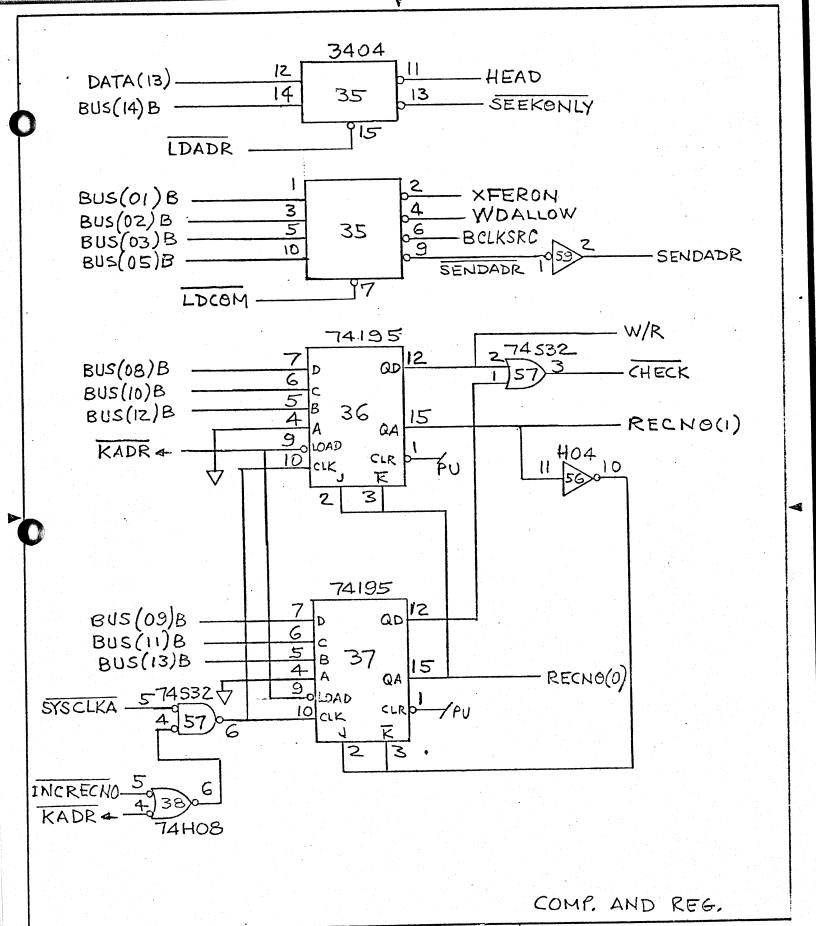
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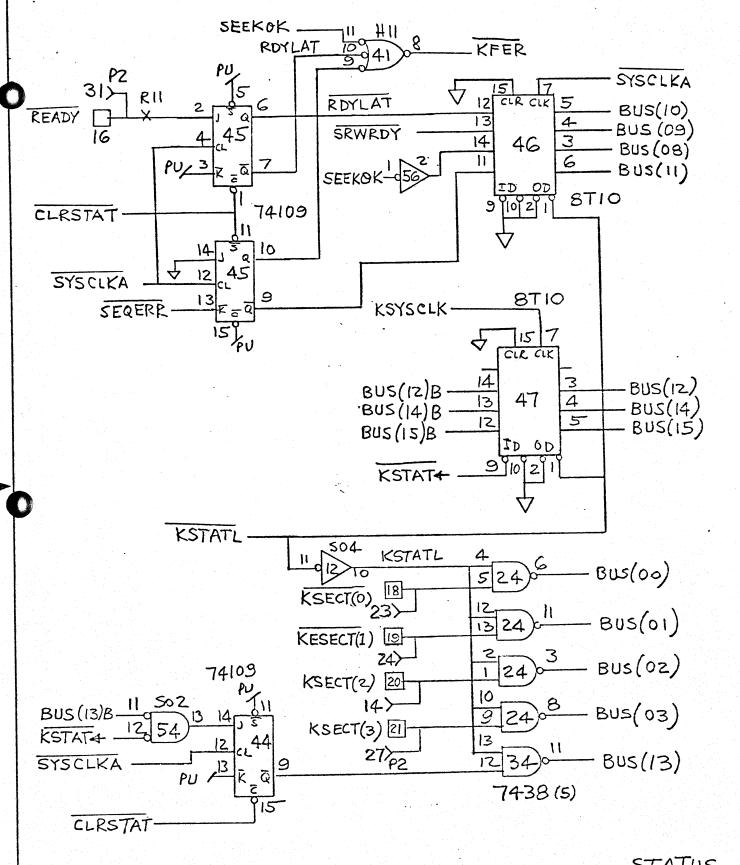
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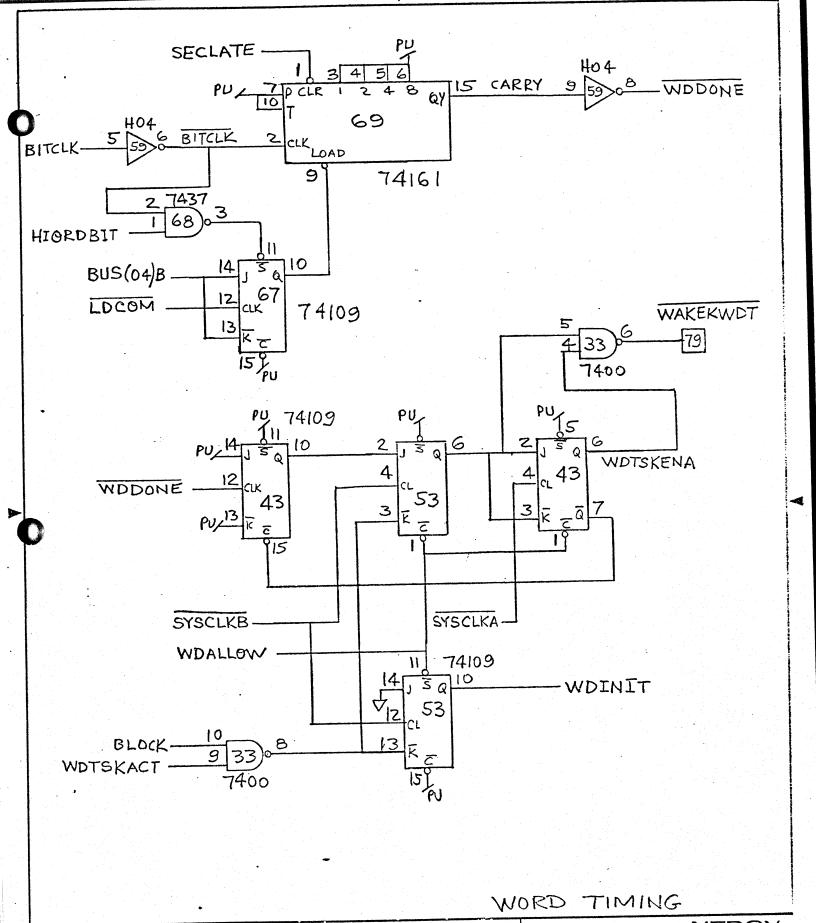


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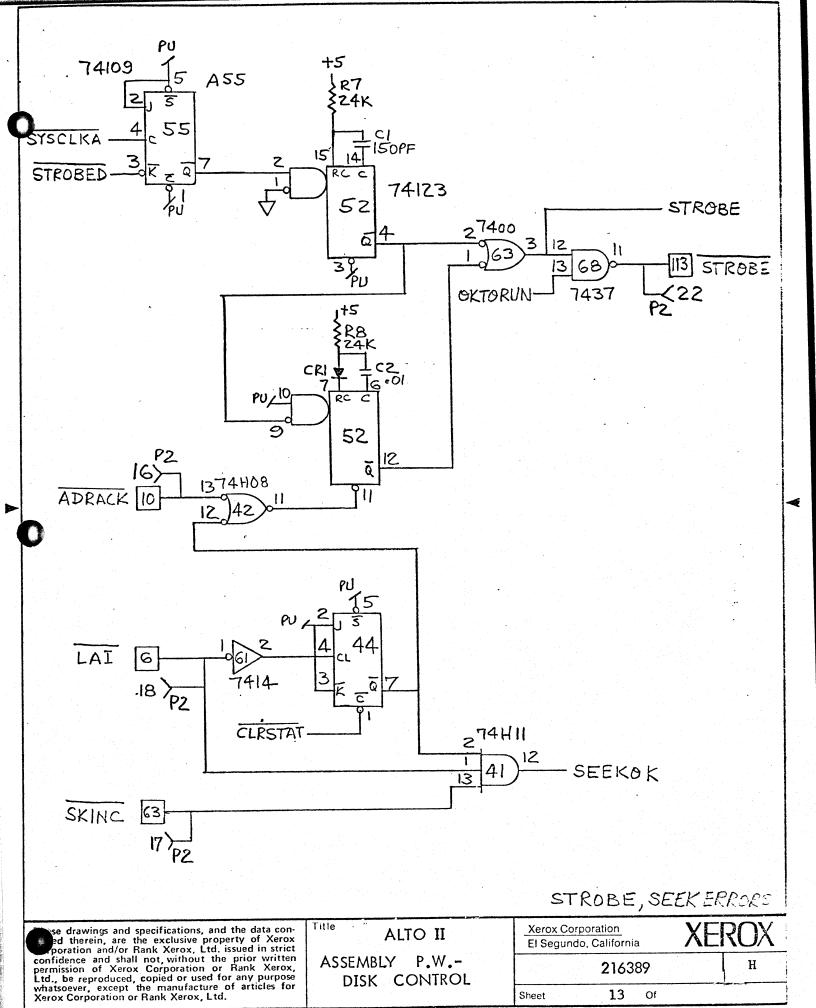
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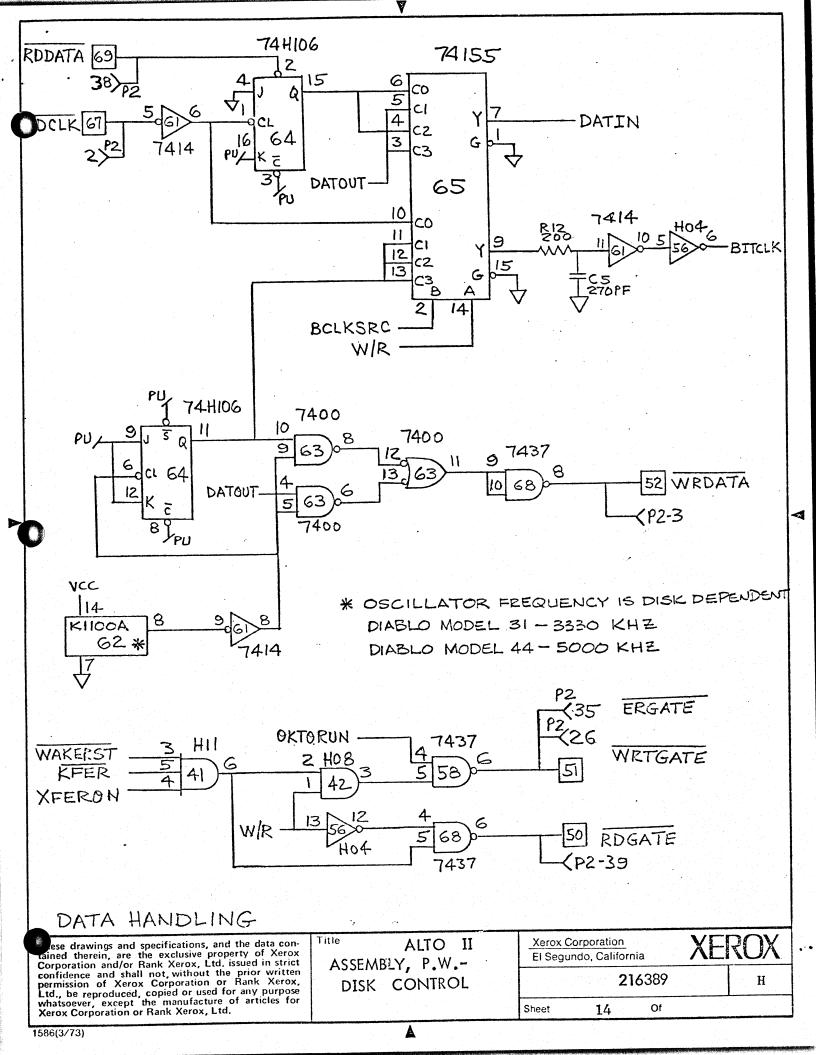
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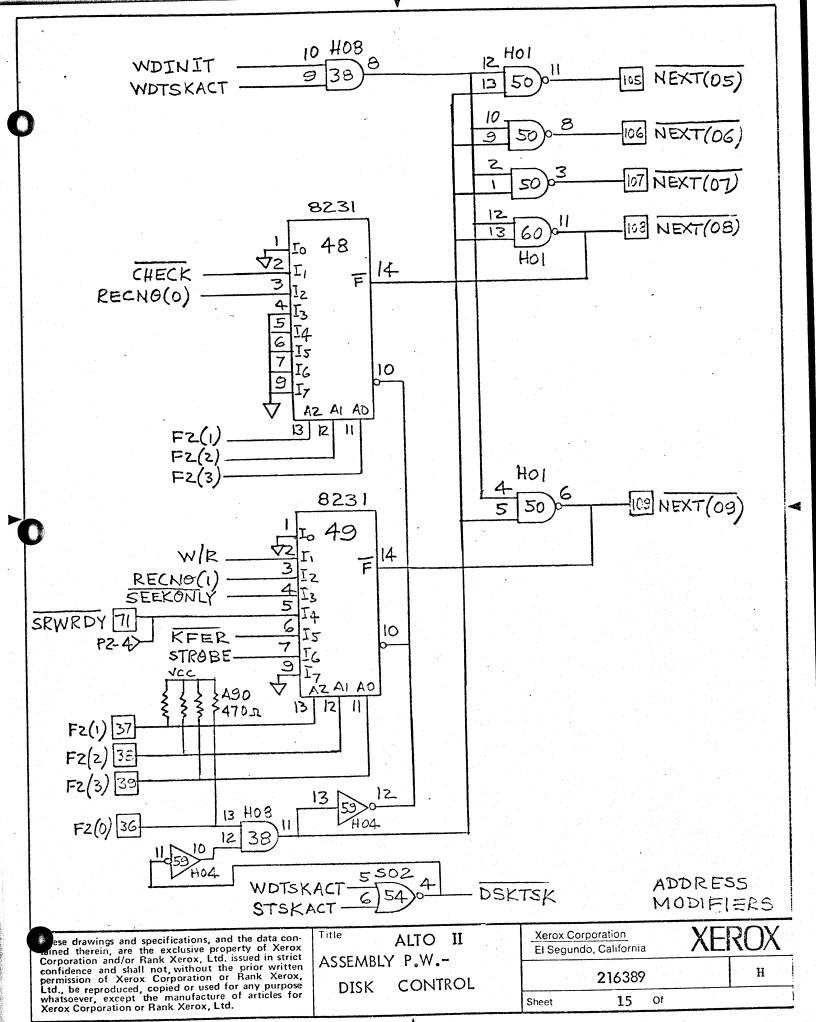
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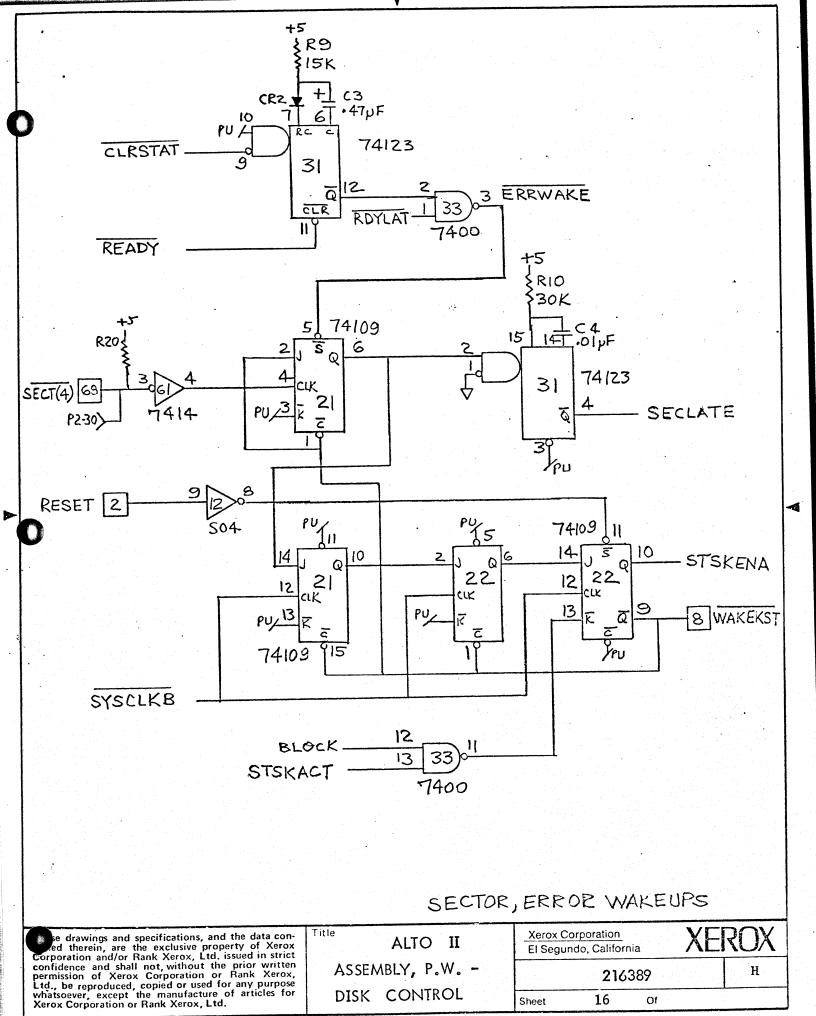
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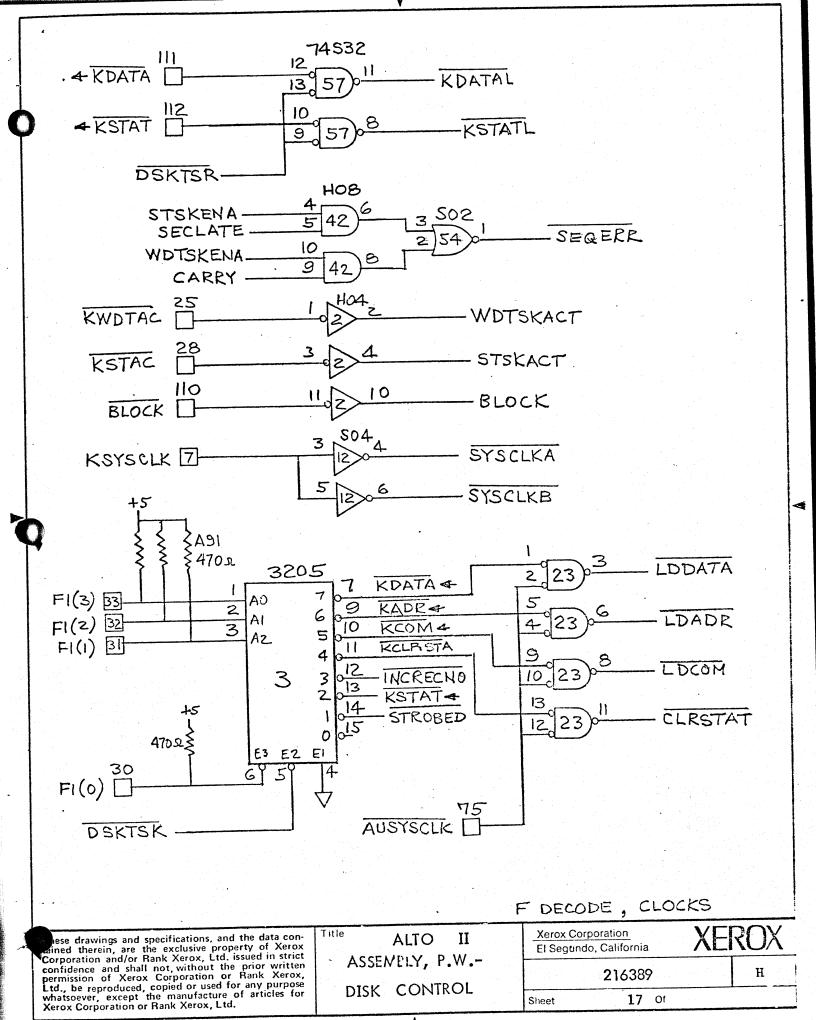
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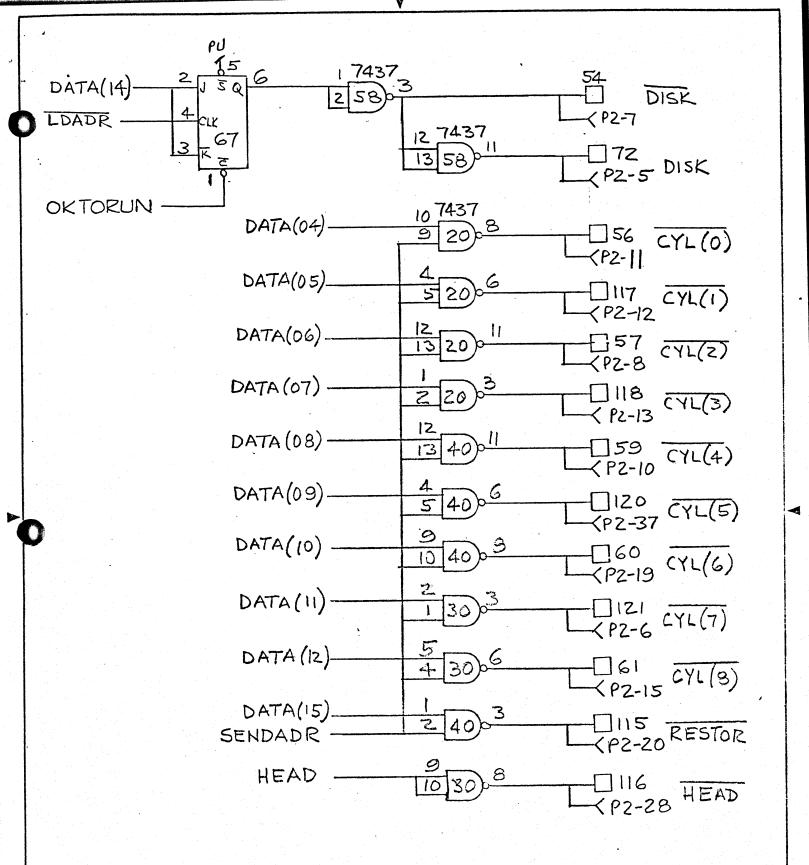












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